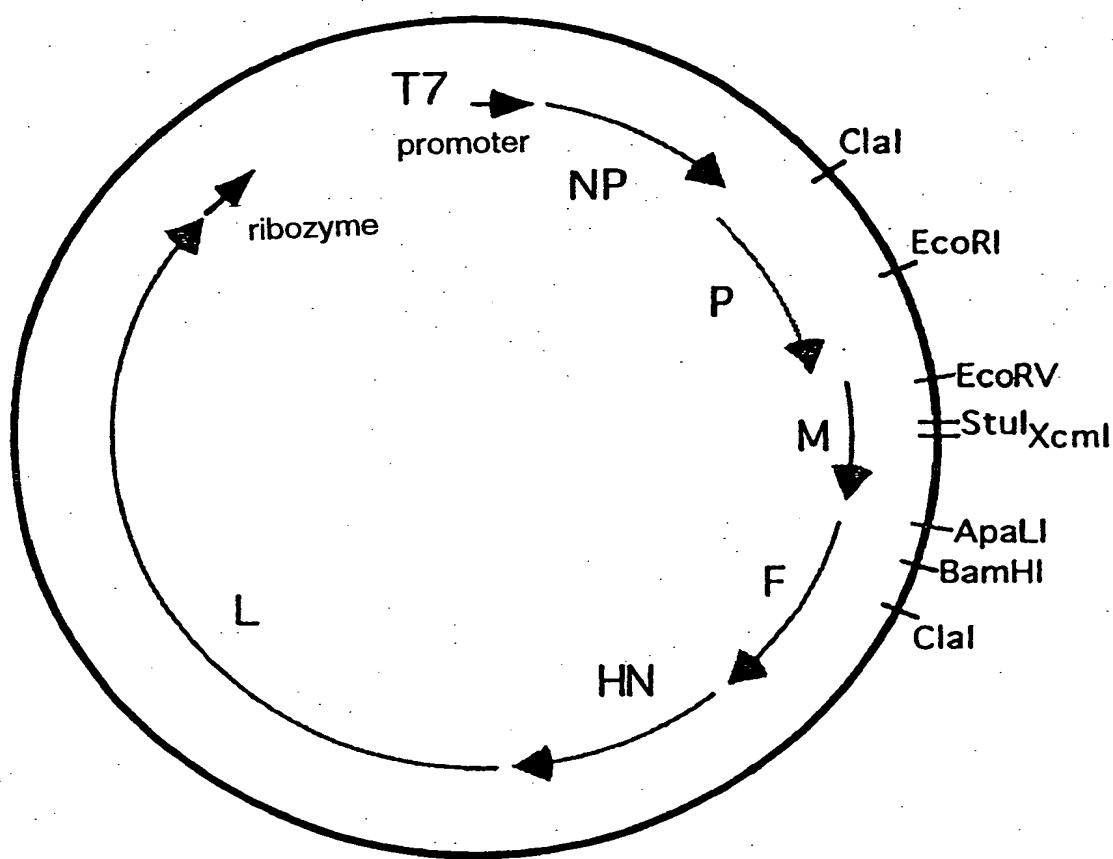


Fig. 1

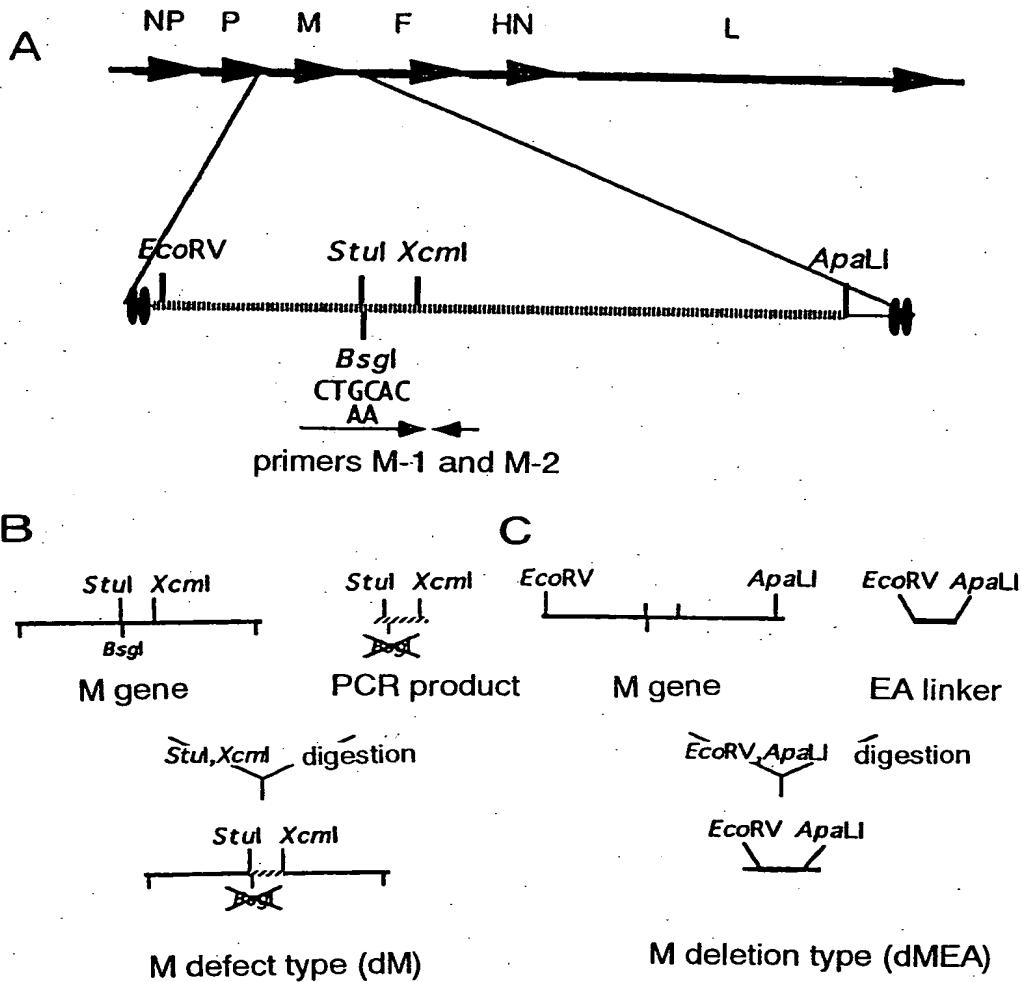


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Fig. 2

E	I	S		EcoRV	
TAAGAAAAAC	T	AGGGTGAAGAAATTCA	CCTAACACGG CGCA	ATGGCA	GATATCTATA
GATTCCCTAA	GTTCTCATAT	GAGGATAACG	GTACTGTGGA	GCCCCTGCCT	CTGAGAACTG
GTCCGGATAA	GAAAGCCATC	CCCCACATCA	GGATTGTCAA	GGTAGGAGTC	CCTCCTAAAC
ATGGAGTGAG	ATACCTAGAT	TTATTGCTCT	TGGGTTCTT	TGAGACACCG	AAACAAACAA
CCAATCTAGG	GAGCGTATCT	GAATTGACAG	AGCCGACCAAG	CTACTCAATA	TGCGGCTCCG
GGTCGTTACC	CATAGGTGTG	GCCAAATACT	ACGGGACTGA	TCAGGAACTC	primer M-1
BsaI	GCACCGATCT	CAGAATTACG	GTGAGGGAGGA	CTGTTGAGC	StuI
AA	XcmI	primer M-2			
TGGTGGATTG	GATTGGTGCT	CCACTCCTAC	CATGTCAGG	CAGGCTGAGA	CAGGGAATGA
TATTTAATGC	AAACAAGGTC	GCACTAGCTC	CCCAATGCCT	CCCTGTGGAC	AAGGACATAA
GAETCAGAGT	GGTGTGTC	AATGGGACAT	CTCTAGGGC	AATCACCATA	GCCAAGATCC
CAAAGACCT	TGCAGACCTT	GCATTGCCA	ACTCTATATC	CGTTAATTAA	CTGGTGACAC
TCAAGACCGG	GATCTCCACA	GAACAAAAGG	GGGTACTCCC	AGTACTTGAT	GATCAAGGGG
AGAAAAAGCT	CAATTTATG	GTGACCTCG	GGTTGATCAG	GAGAAAGGTC	GGGAAGATA
ACTCTGTTGA	GTACTGCAAG	AGCAAGATTG	AGAGAATGCG	GCTGATTTC	TCACTTGGGT
TAATCGCGG	TATAAGCTTC	CATGTCAGG	TTATTGGAC	ACTATCTAAG	ACATTGATGA
GTCAGCTCG	ATGGAAGAGG	GCAGTCTGCT	TCCCATTAAAT	GGATGTGAAT	CCCCATATGA
ACATGGTGAT	TTGGCGGCA	TCTGTAGAAA	TCACAGGCGT	CGATGCGGTG	TTCCAACCGG
CCATCCCTCG	TGATTTCCGC	TACTACCTA	ATGTTGTGGC	TAAGAACATC	GGAGGATCA
GAAAGCTGTA	AA	GTGCAAC	CATCAGAGAC	CTGCGACAAT	GCCCCAAGCA GACACCACCT
Apal			E	I	S
GGCAGTCGGA	GCCACCGGGT	CACTCCTTGT	CTTAAATAAG	AAAAACTT	AG GGATAAAG
					1198

Fig. 3



WT nucleotide sequence CAG GAA CTC TTA AAG GCC TGC ACC GAT CTC 371  
dM nucleotide sequence ••• ••• ••• ••• ••• ••• ••• •••  
WT amino acid sequence Gln Glu Leu Leu Lys Ala Cys Thr Asp Leu 110  
dM amino acid sequence ••• ••• ••• ••• ••• ••• Ter ... ...

E  
EA linker

EcoRV

GGC **GAT ATC** TAT AGA TTC CCT AAG TTC TCA TAG TAG ATG **TGC ACC** GGC A

CCG **ATA TAG** ATA TCT AAG GGA TTC AAG AGT ATC ATC TAC **ACG TGG** CCG T

ApaLI

Fig. 4

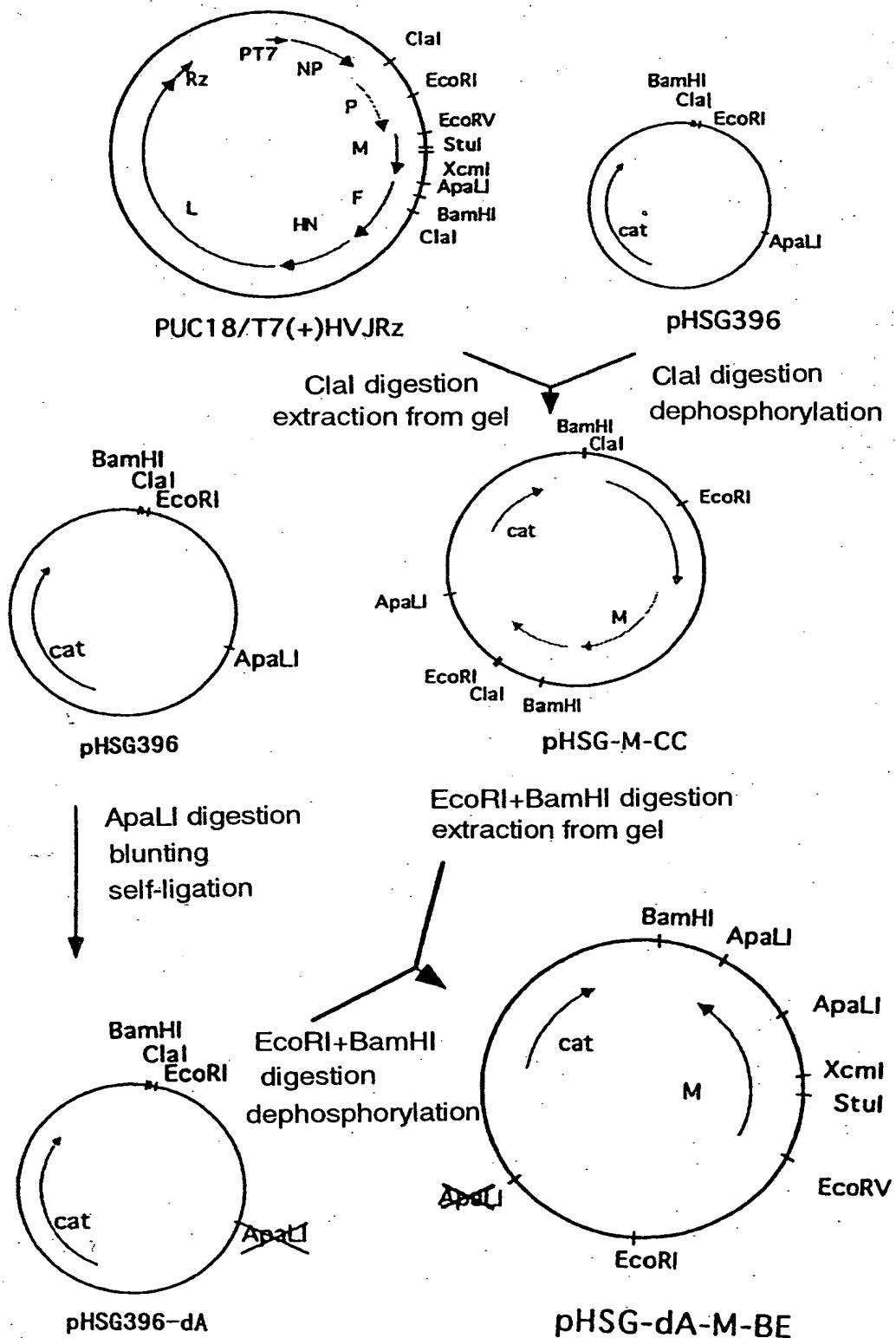


Fig. 5

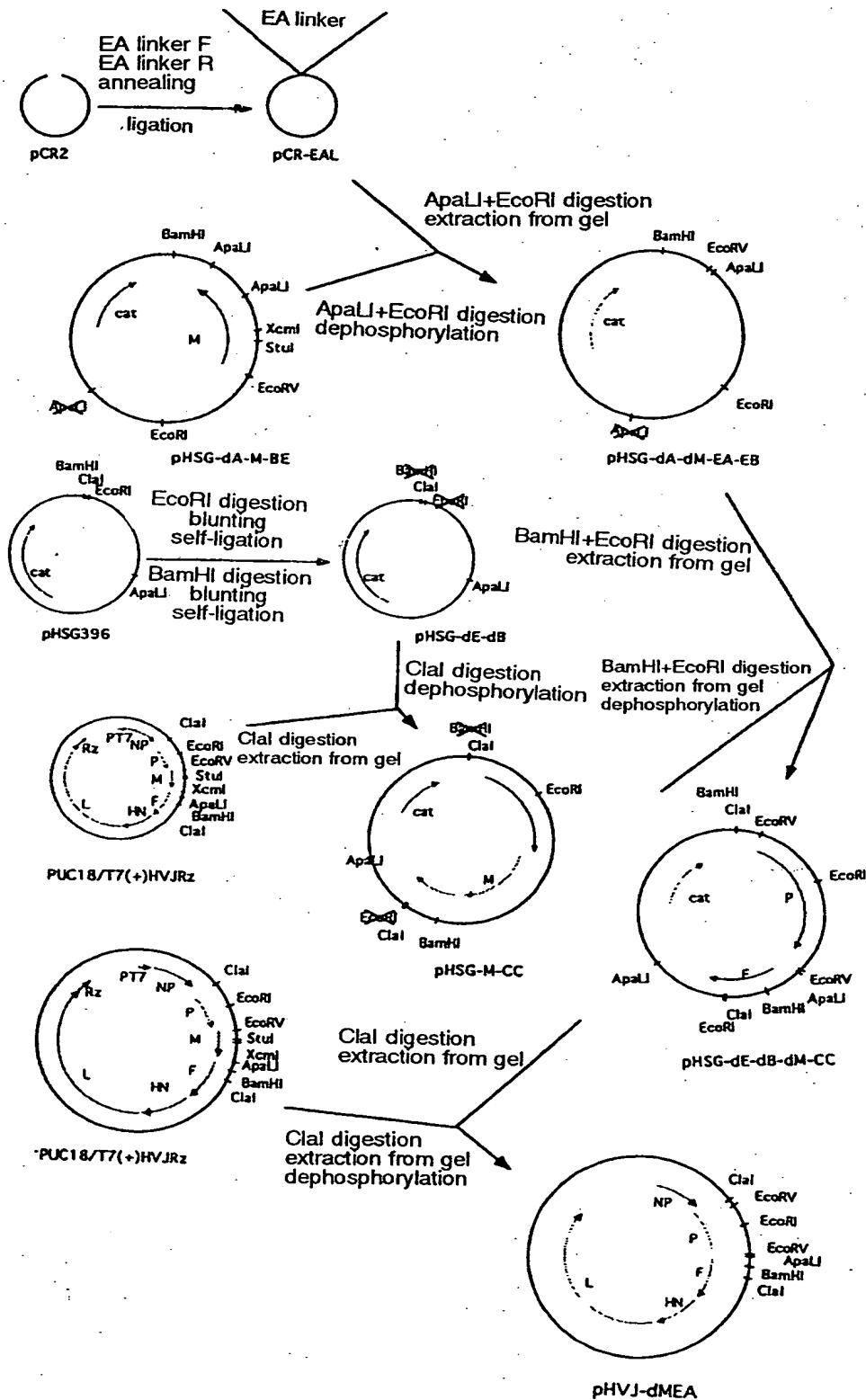


Fig. 6

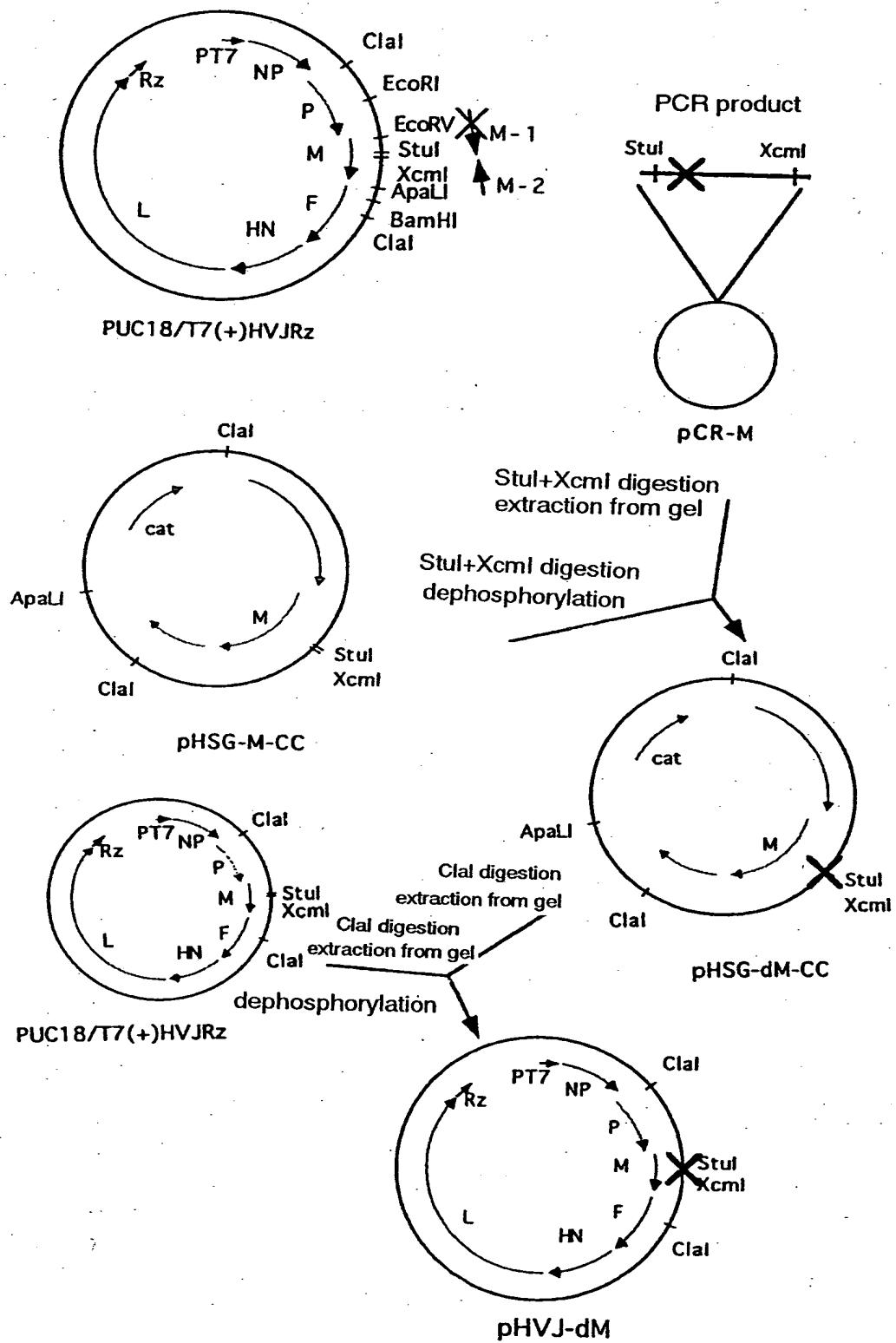
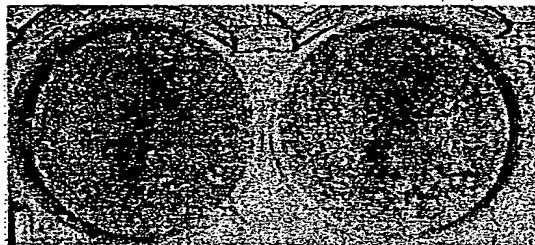
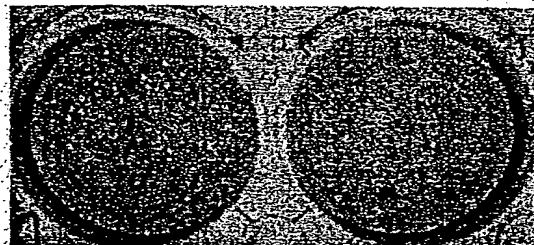


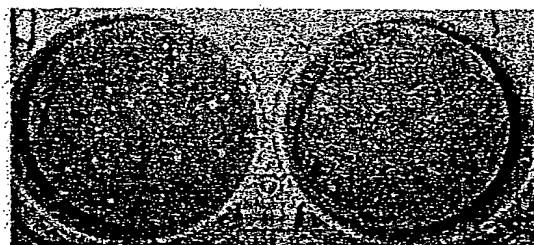
Fig. 7



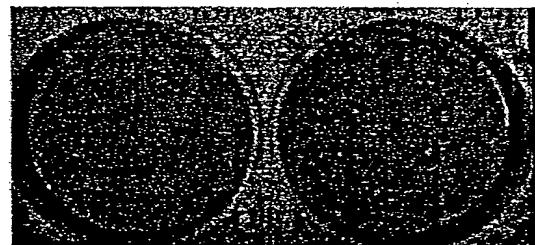
WT2



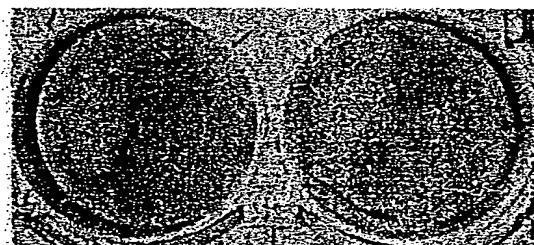
dMEA2-1



dMEA2-2



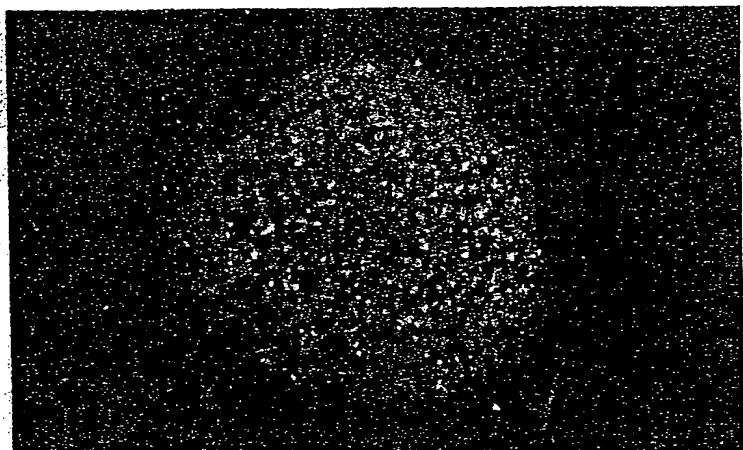
WT1



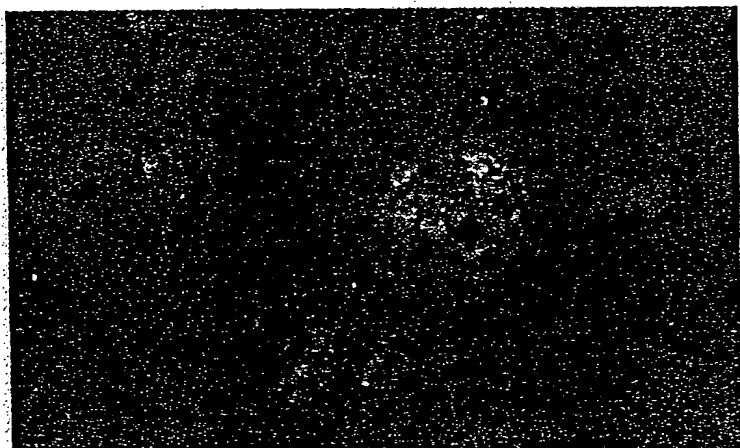
dM

Fig. 8

WT



dM



dMEA

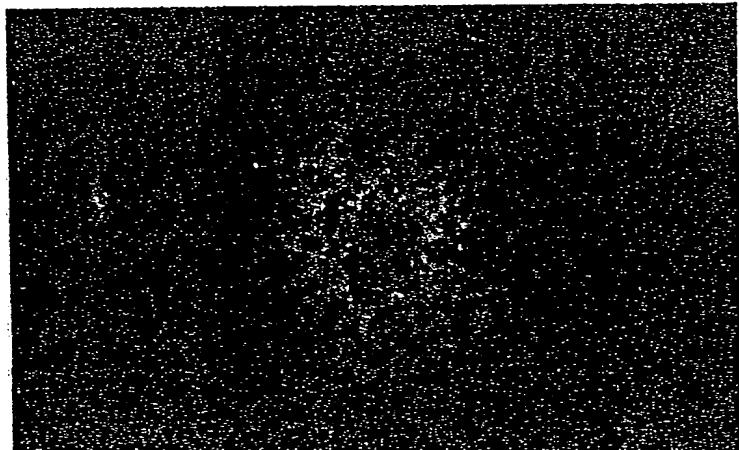
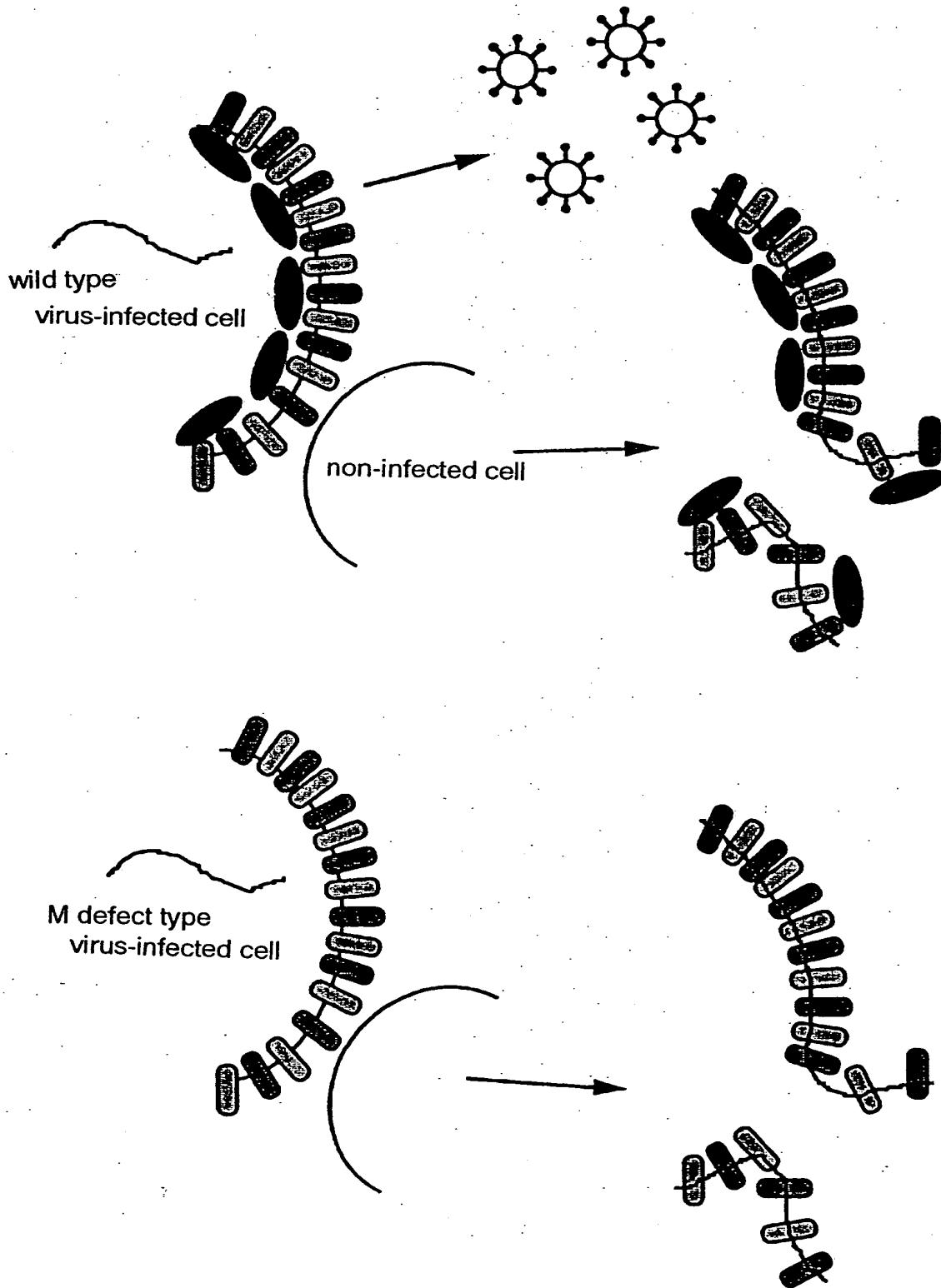


Fig. 9



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